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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/521,142	01/13/2005	Max Segerljung	821-66	2772
<div>Dilworth & Barrese 333 Earle Ovington Boulevard Suite 702 Uniondale, NY 11553</div>				
			<div>EXAMINER MCGOWAN, JAMIE LOUISE</div>	
			<div>ART UNIT 3671</div>	<div>PAPER NUMBER</div>
			<div>MAIL DATE 08/22/2007</div>	<div>DELIVERY MODE PAPER</div>

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/521,142

Applicant(s)

SEGERLJUNG, MAX

Examiner

Jamie L. McGowan

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 June 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 and 18-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 and 18-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-16 and 18-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Godbersen (5,950,735).

Regarding claim 1, Godbersen discloses a coupling device comprising:

- A device for attaching a working tool to a work machine
- An engagement between the parts utilizing gravity (column 4 lines 20-24)
- The male type engagement means (34) having external surfaces (52,53) converging towards each other (See Fig 4)
- A female type engagement means (36) having internal surfaces (101,102) converging towards each other to receive and hold the male type engagement means (column 4 lines 20-24)
- Said external converging surfaces substantially in the direction of convergence against said internal converging surfaces into a fixed position in which they fit tightly together (See Fig 4)
- The two parts locked together with a recess (106) in the surface of one part and a wedge element (76) movably arranged on the second part
- A means for inserting the wedge element (76) in the recess (106) so the wedge surfaces are pressed against the recesses walls and locking the wedge element (76) non-movably in the recess (106)
- A resilient means (94) acting on the wedge element (76) to press the wedge element (76) into the recess (106) during biasing of said resilient means by said

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inserting means in the locked position, and not act upon said wedge element in absence of such biasing by said inserting means such that said wedge element remains retracted

Regarding claim 2, the wedge element (76) is designed to fit against and influence the internal walls (Fig 16) of the recess in such a direction that the part provided with the recess is pressed with its engagement means having surfaces converging towards each other into an engagement making direction (column 6 line 64 through column 7 line 5). When the plunger reaches the opening (106) it springs through the opening (106) and biases the male part (34) into a locked position with the female part (36).

Regarding claims 3 and 16, engagement means comprises a controllable power means (93) for transferring locking arrangement between an inactive position and an active position with the wedge element (76) pushed into the recess (106) and held during pre-loading (column 5 lines 18-34).

Regarding claim 4, the locking arrangement comprises a dead center defining means (92) connected to the wedge element (76), and the power means (93) are designed to influence said dead center (92) defining means to transfer the wedge element (76) from an inactive position to an active position located on the opposite side of a dead center, in which the resilient member is solely responsible for holding the wedge element (76) in the recess (106).

Regarding claim 5, the recess (106) is a through hole (See Fig 16).

Regarding claim 6, the wedge element (76) is on the male part (34) and the recess (106) is on the female part (36).

Regarding claims 7 and 18-20, the first engagement means on the male part (34) has an external, substantially planar, large surface part (planar surface edges of parts 63,64, and 66) arranged to fit against an internal substantially planar large surface part (105) on the second engagement means of the female part (36).

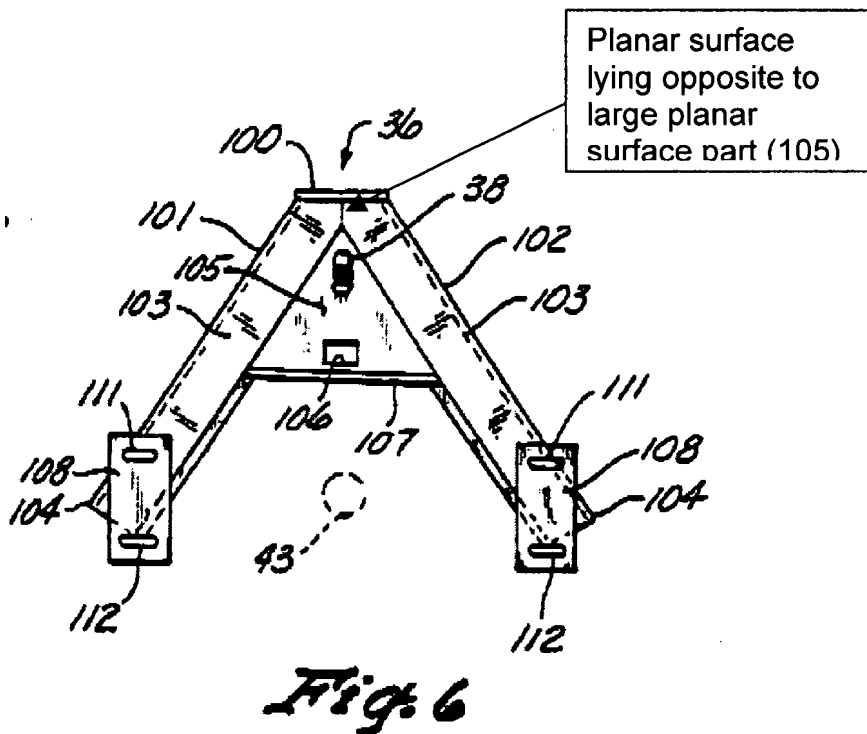
Regarding claim 8, the large planar surface part on the male part (34) is arranged to be directed substantially opposite to the direction for nearing the female part (36) to the male part (34) for attachment.

Regarding claim 9, the female part (36) has two opposing walls (101,102) that converge towards each other, which laterally restrict a channel directed substantially vertically in the normal position of the male part (34) when attached to the female part (36) and form said converging internal surfaces.

Regarding claim 10, the converging channel walls (101,102) form opposing boundaries (Fig 4) on the substantially planar support surface (105) that forms the bottom of the channel.

Regarding claim 11, the female part (36) has a planar surface part lying opposite to said large planar surface part (105) and converging towards the latter to form said converging internal surfaces together therewith (See Fig 6 below).

Regarding claim 12, the female part comprises two other walls (105 and planar surface lying opposite to 105 – See Fig 6 below) which at least partly restrict the channel and extend substantially perpendicularly relative to the firstly mentioned walls and converge towards each other to form said converging internal surfaces.



Regarding claim 13, the female part (36) has an opening intended, to be turned towards the other part during the engagement operation in a direction that is substantially perpendicular to the direction of convergence of this engagement means' converging surfaces to facilitate the insertion of the male part in the female part (See Fig 4).

Regarding claim 14, the female type engagement means is formed from a flanged metal sheet (Fig 4).

Regarding claim 15, the female-type engagement means is arranged on the first part with upwardly converging internal surfaces and the male-type engagement means is arranged on the second part with upwardly converging external surfaces (See Fig 4).

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Regarding claim 21, the inserting means comprises a toggle joint (87, 92) arranged to simultaneously extend said wedge element and bias said resilient means in a locked position.

Response to Arguments

3. Applicant's arguments filed 06/01/2007 have been fully considered but they are not persuasive.

Regarding claim 1, elements 92 and 87 act to remove the action of the resilient means to allow the wedge element to remain in a retracted position when element 92 is rotated in a counterclockwise direction (column 5 lines 44-50).

Regarding claim 21, elements 92 and 87 form a toggle joint that simultaneously extends the wedge element and biases the resilient means in a locked position when rotated clockwise (column 5 lines 50-59).

4. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., the spring being compressed when the wedge is in the extended position) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

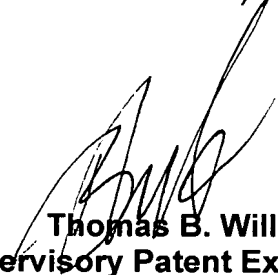
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jamie L. McGowan whose telephone number is (571)272-5064. The examiner can normally be reached on Monday through Friday 8:00 AM to 5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas B. Will can be reached on (571)272-6998. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jamie L. McGowan
August 13, 2007



Thomas B. Will
Supervisory Patent Examiner
Group 3600